

WEST Search History

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DATE: Monday, April 18, 2005

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L17	L16 and serogroup B	42
<input type="checkbox"/>	L16	L15 and meningitidis	249
<input type="checkbox"/>	L15	L14 and CpG	318
<input type="checkbox"/>	L14	neisseria and adjuvant	2626
<input type="checkbox"/>	L13	L12 and adjuvant	2626
<input type="checkbox"/>	L12	L11 and (CpG or adjuvant)	2714
<input type="checkbox"/>	L11	L10 and (CpG or adjuvant or DNA adjuvant or immunostimulatory nucleic acid)	2714
<input type="checkbox"/>	L10	neisseria	6972
<input type="checkbox"/>	L9	L8 and (adjuvant or CpG or DNA adjuvant)	15
<input type="checkbox"/>	L8	L7 and neisseria	39
<input type="checkbox"/>	L7	l2 or l3 or l4 or l5 or l6	231
<input type="checkbox"/>	L6	pizza-m.in.	32
<input type="checkbox"/>	L5	pizza-mariagrazia.in.	40
<input type="checkbox"/>	L4	giuliani-marzia-m.in.	7
<input type="checkbox"/>	L3	rappuoli-rino.in.	92
<input type="checkbox"/>	L2	grandi-guido.in.	104
<input type="checkbox"/>	L1	grangi-guido.in.	0

END OF SEARCH HISTORY

BEST AVAILABLE COPY

150873

Shears, Beverly

From: Chan, Christina
Sent: Monday, April 18, 2005 8:55 AM
To: Chan, Christina; Minnfield, Nita; STIC-Biotech/ChemLib
Cc: Shears, Beverly
Subject: RE: rush sequence search

This rush is for Beverly.

Chris Chan
TC 1600 New Hire Training Coordinator and SPE 1644
(571)-272-0841
Remsen, 3E89

-----Original Message-----

From: Chan, Christina
Sent: Monday, April 18, 2005 8:54 AM
To: Minnfield, Nita; STIC-Biotech/ChemLib
Subject: RE: rush sequence search

Please rush. Thanks Chris

Chris Chan
TC 1600 New Hire Training Coordinator and SPE 1644
(571)-272-0841
Remsen, 3E89

-----Original Message-----

From: Minnfield, Nita
Sent: Sunday, April 17, 2005 9:00 AM
To: Chan, Christina
Subject: rush sequence search

71976

Christina, please approve, 2 month amdt.

STIC

09/914454

**Please do an commercial and interference sequence search
on SEQ ID NO: 31 of the above application.**

Copyright (c) 1993 - 2005 Compugen Ltd.	GenCore version 5.1.6
ON: protein - protein search, using sw model	
Run on: April 18, 2005, 09:56:39 ; Search time 173 Seconds	(without alignments)
	985,904 Million cell updates/sec
Title: US-09-914-454B-31	
Perfect score: 2340	
Sequence: 1 MKKYLFRALYVIAAATLAA..... KITGTYVWQOLLPLNGMKPKEYRP 441	
Scoring table: BLOSUM62	
GapOp 10.0 , GapExt 0.5	
Searched: 2105692 seqs, 386760381 residues	
Total number of hits satisfying chosen parameters: 2105692	
Minimum DB seq length: 0	
Maximum DB seq length: 2000000000	
Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries	
Database : A_Geneseq_16Dec04:*	
1: geneseqp1980:*	
2: geneseqp1990:*	
3: geneseqp2000:*	
4: geneseqp2001:*	
5: geneseqp2002:*	
6: geneseqp2003ab:*	
7: geneseqp2003bc:*	
8: geneseqp2004ab:*	
Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.	
SUMMARIES	
Result No. Score Query Match Length DB ID Description	
1 2340 100.0 AAY75936 Neisseria	RESULT 1
2 2333 99.7 AAB23783 Neisseria	AAB23783 standard, protein, 441 AA.
3 2333 99.7 AAY75911 Neisseria	XX
4 2333 99.7 AAY75920 Neisseria	XX
5 2333 99.7 AAY75927 Neisseria	XX
6 2333 99.7 AAY75790 Neisseria	XX
7 2333 99.7 AAY75915 Neisseria	XX
8 2333 99.7 AAY75909 Neisseria	XX
9 2333 99.7 AAY75659 Neisseria	XX
10 2333 99.7 AAY75929 Neisseria	XX
11 2333 99.7 AAY75910 Neisseria	XX
12 2333 99.7 AAB2636 Neisseria	XX
13 2333 99.7 AAB2635 Neisseria	XX
14 2333 99.7 AAB5866 Neisseria	XX
15 2330 99.6 AAY75914 Neisseria	XX
16 2330 99.6 AAY75925 Neisseria	XX
17 2330 99.6 AAY75916 Neisseria	XX
18 2330 99.6 AAY75941 Neisseria	XX
19 2330 99.6 AAY75947 Neisseria	XX
20 2330 99.6 AAY22553 Neisseria	XX
21 2326 99.4 AAY75929 Neisseria	XX
22 2325 99.4 AAY75921 Neisseria	XX
23 2324 99.3 AAY75913 Neisseria	XX
24 2321 99.2 AAY75928 Neisseria	XX
25 2318 99.1 AAY75934 Neisseria	XX
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	AAY75

GenCore version 5.1.6
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OM_Protein - protein search, using sw model

Run on: April 18, 2005, 10:28:55 ; Search time 133 Seconds

(without alignments) 1102.071 Million cell updates/sec

Title: US-09-914-454B-31

Perfect score: 2340

Sequence: 1 MKKYLFRALYGLAAAILAACOSKSTQFPQDTSVINGPDPVPGPPAGTIVGGGAV 41

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1421835 seqs, 332370683 residues

Total number of hits satisfying chosen parameters: 1421835

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA:*

1: /cgnd_6/prodata/1/pubpaal/us07_PUBCOMB.pep:*

2: /cgnd_6/prodata/1/pubpaal/PCT_NEW_PUB.pep:*

3: /cgnd_6/prodata/1/pubpaal/us06_NEW_PUB.pep:*

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5: /cgnd_6/prodata/1/pubpaal/us07_NEW_PUB.pep:*

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20: /cgnd_6/prodata/1/pubpaal/us13_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No. Score Query Match Length DB ID Description

Result No.	Score	Query	Match	Length	DB ID	Description
1	2330	99.6	441	14	US-10-181-660-14	Sequence 14, Appl
2	2330	99.6	441	16	US-10-220-481-1	Sequence 1, Appl
3	2302	98.4	441	15	US-10-121-456A-1	Sequence 1, Appl
4	2262	96.7	440	16	US-10-220-481-3	Sequence 3, Appl
5	2236	95.6	832	15	US-10-220-480-4	Sequence 4, Appl
6	2236	95.6	832	16	US-10-220-481-89	Sequence 89, Appl
7	2236	95.6	897	15	US-10-220-480-10	Sequence 10, Appl
8	2236	95.6	897	16	US-10-220-481-95	Sequence 95, Appl
9	2227	95.2	420	16	US-10-220-481-2	Sequence 2, Appl
10	1015	43.4	194	16	US-10-220-481-8	Sequence 8, Appl
11	316.5	13.5	367	15	US-10-415-017-2	Sequence 2, Appl
12	316.5	13.5	367	15	US-10-415-017-6	Sequence 6, Appl
13	316.5	13.5	367	15	US-10-415-017-10	Sequence 10, Appl

ALIGNMENTS

RESULT 1

US-10-181-660-14

; Sequence 14, Application US/10181660

; Publication No. US20030027097A1

; GENERAL INFORMATION:

; APPLICANT: CHIRON SPA

; TITLE OF INVENTION: SUPPLEMENTED OMV VACCINE AGAINST MENINGOCOCCUS

; FILE REFERENCE: P023785WO

; CURRENT APPLICATION NUMBER: US/10/181,660

; CURRENT FILING DATE: 2003-03-31

; PRIOR APPLICATION NUMBER: GB-0001067.8

; PRIOR FILING DATE: 2000-01-17

; PRIOR APPLICATION NUMBER: GB-0005699.4

; NUMBER OF SEQ ID NOS: 14

; SOFTWARE: SeqWin99, version 1.02

; SEQ ID NO: 14

; LENGTH: 441

; TYPE: PRT

; ORGANISM: Neisseria meningitidis

US-10-181-660-14

; Query Match Local Similarity 99.6%; Score 2330; DB 14; Length 441;

; Best Local Similarity 99.5%; Pred. No. 1, 4e-214; Length 441;

; Matches 439; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

; QV 1 MKKYLFRALYGLAAAILAACOSKSTQFPQDTSVINGPDPVPGPPAGTIVGGGAV 60

; DQ 1 MKKYLFRALYGLAAAILAACOSKSTQFPQDTSVINGPDPVPGPPAGTIVGGGAV 60

; YVTPWQHSLPHMAQDFAKSISFRIGCCANIKRQWQDVCAQAFOTPVMSFOAKPFER 60

; 61 YVTPWQHSLPHMAQDFAKSISFRIGCCANIKRQWQDVCAQAFOTPVMSFOAKPFER 120

; 61 YVTPWQHSLPHMAQDFAKSISFRIGCCANIKRQWQDVCAQAFOTPVMSFOAKPFER 120

; 61 YVTPWQHSLPHMAQDFAKSISFRIGCCANIKRQWQDVCAQAFOTPVMSFOAKPFER 120

; 61 YVTPWQHSLPHMAQDFAKSISFRIGCCANIKRQWQDVCAQAFOTPVMSFOAKPFER 120

